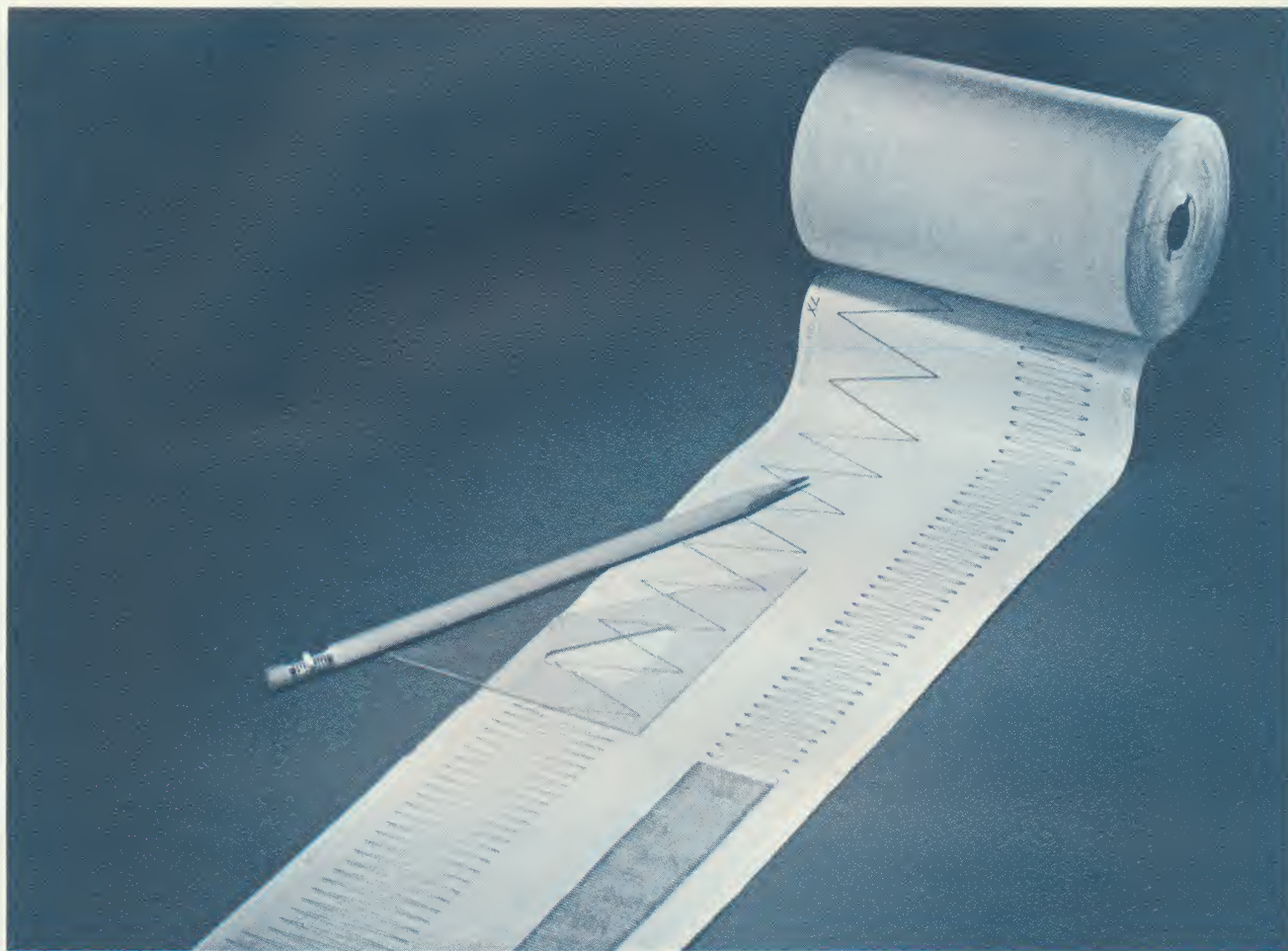




DATATRACE™ HEAT SENSITIVE RECORDING PAPERS

DESCRIPTION

Consolidated's DATATRACE 11 and DATATRACE 31 Heat Sensitive Recording Papers were designed for use with CEC's DG 5511 Portable Two-Channel Thermal Writing Recorder. Both produce excellent record contrast at high trace writing speeds.

DATATRACE 11 is an opaque base, general purpose recording paper which yields excellent contrast traces throughout the frequency ranges of thermal recorders. Grid lines are scaled accurately, in millimeters, both laterally and longitudinally for ease in calibration and data reduction. Each of the channel grids is 50 millimeters wide, with approximately 12.5 millimeter separation between channels. Tri-weight imprinting in light blue denotes millimeters, 5 millimeters, and 100 millimeters, and provides high contrast with recorded data traces. Longitudinal 50 millimeter and 100 millimeter designations are printed on the right edge of the chart. The writing surface readily accepts pencil and ball pen notations.

DATATRACE 11 provides the highest quality records obtainable for heat sensitive recording and copies well in most "direct-viewing" types of reproduction equipment. Due to the opaque base used, the product is not suitable for diazo process copying.

DATATRACE 31 is a translucent base recording paper which is recommended in cases where diazo reproduction of the recorded data is required. The grid screen is identical to that of DATATRACE 11 and is imprinted in a light blue that provides good contrast for direct viewing or diazo reprints.

DATATRACE 11 and DATATRACE 31 are manufactured and wound to exacting CEC specifications and tolerances to insure trouble-free operation and accurate data analysis. An end-of-roll identification is printed approximately thirty feet from the core end as a visual reminder of remaining footage. Each roll is packaged in a sturdy two-part box suitable for subsequent storage of finished records.

GENERAL SPECIFICATIONS

	DATATRACE 11	DATATRACE 31
Thickness Range:	.0025" — .0031"	.0022" — .0027"
Tear Strength:	MD 15gm — CD 19gm	MD 18gm — CD 25gm
Basic Weight (Avg.):	20 x 24/500 — 16.5 lb	20 x 24/500 — 19.5 lb
Roll Length:	200 feet	200 feet
Roll Diameter, Maximum:*	3.08"	3.08"
Roll Width, Overall:*	4.96", +.03", —0.15"	4.96", +.03", —0.15"
Core Inside Diameter:	.625"	.625"
Dimension, Critical (right) Edge to First Grid Line:*	.265" ±.015"	.265" ±.015"
Imprinted Grid Tolerance:*	±0.1mm, non-cumulative	±0.1mm, non-cumulative
Surface Activation Temperature:	240°F	240°F
Channels Imprinted:	2 at 50mm ea.	2 at 50mm ea.

*Measured at 72°F, 50% RH.

ORDERING INFORMATION

Recorder Model	Length	CEC Part Number	
		DATATRACE 11	DATATRACE 31
5 511	200 ft.	465511-112	465511-312

TECHNICAL SUPPLIES REGIONAL REPRESENTATIVES

CEC Field Engineers are supported in each region by a Technical Supplies Regional Representative. Representatives are located in Los Angeles, California; Albuquerque, New Mexico; Orlando, Florida; Hasbrouck Heights, New Jersey; Chicago, Illinois; and Washington, D.C. To facilitate delivery, Technical Supplies maintains warehouses located in Pasadena, California; Dallas, Texas; and Washington, D.C.

TECHNICAL SUPPLIES
DEPARTMENT



CONSOLIDATED ELECTRODYNAMICS

360 SIERRA MADRE VILLA, PASADENA, CALIF. 91109 • A SUBSIDIARY
OF BELL & HOWELL • FINER PRODUCTS THROUGH IMAGINATION